

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/533,817
Source: PG
Date Processed by STIC: 6/6/06

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 06/06/2006

PATENT APPLICATION: US/10/533,817

TIME: 11:25:19

Input Set : A:\42614002.APP

Output Set: N:\CRF4\06062006\J533817.raw

```

3 <110> APPLICANT: MANKELOW, TOSTI JON
4     SPRING, FRANCES ADRIENNE
5     PARSONS, STEPHEN FREDERICK
6     ANSTEE, DAVID JOHN
8 <120> TITLE OF INVENTION: ICAM-4 BINDING SITES
10 <130> FILE REFERENCE: 42614-0002
12 <140> CURRENT APPLICATION NUMBER: 10/533,817
13 <141> CURRENT FILING DATE: 2005-05-03
15 <150> PRIOR APPLICATION NUMBER: PCT/GB03/004744
16 <151> PRIOR FILING DATE: 2003-11-04
18 <150> PRIOR APPLICATION NUMBER: 60/423,391
19 <151> PRIOR FILING DATE: 2002-11-04
21 <150> PRIOR APPLICATION NUMBER: 60/431,721
22 <151> PRIOR FILING DATE: 2002-12-09
24 <160> NUMBER OF SEQ ID NOS: 40
26 <170> SOFTWARE: PatentIn version 3.3
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 241
30 <212> TYPE: PRT
31 <213> ORGANISM: Homo sapiens
33 <400> SEQUENCE: 1
34 Ala Gln Ser Pro Lys Gly Ser Pro Leu Ala Pro Ser Gly Thr Ser Val
35 1           5           10           15
37 Pro Phe Trp Val Arg Met Ser Pro Glu Phe Val Ala Val Gln Pro Gly
38           20           25           30
40 Lys Ser Val Gln Leu Asn Cys Ser Asn Ser Cys Pro Gln Pro Gln Asn
41           35           40           45
43 Ser Ser Leu Arg Thr Pro Leu Arg Gln Gly Lys Thr Leu Arg Gly Pro
44           50           55           60
46 Gly Trp Val Ser Tyr Gln Leu Leu Asp Val Arg Ala Trp Ser Ser Leu
47 65           70           75           80
49 Ala His Cys Leu Val Thr Cys Ala Gly Lys Thr Arg Trp Ala Thr Ser
50           85           90           95
52 Arg Ile Thr Ala Tyr Lys Pro Pro His Ser Val Ile Leu Glu Pro Pro
53           100          105          110
55 Val Leu Lys Gly Arg Lys Tyr Thr Leu Arg Cys His Val Thr Gln Val
56           115          120          125
58 Phe Pro Val Gly Tyr Leu Val Val Thr Leu Arg His Gly Ser Arg Val
59           130          135          140
61 Ile Tyr Ser Glu Ser Leu Glu Arg Phe Thr Gly Leu Asp Leu Ala Asn
62 145          150          155          160
64 Val Thr Leu Thr Tyr Glu Phe Ala Ala Gly Pro Arg Asp Phe Trp Gln
65           165          170          175

```

RAW SEQUENCE LISTING

DATE: 06/06/2006

PATENT APPLICATION: US/10/533,817

TIME: 11:25:19

Input Set : A:\42614002.APP

Output Set: N:\CRF4\06062006\J533817.raw

```

67 Pro Val Ile Cys His Ala Arg Leu Asn Leu Asp Gly Leu Val Val Arg
68           180           185           190
70 Asn Ser Ser Ala Pro Ile Thr Leu Met Leu Ala Trp Ser Pro Ala Pro
71           195           200           205
73 Thr Ala Leu Ala Ser Gly Ser Ile Ala Ala Leu Val Gly Ile Leu Leu
74           210           215           220
76 Thr Val Gly Ala Ala Tyr Leu Cys Lys Cys Leu Ala Met Lys Ser Gln
77 225           230           235           240
79 Ala
83 <210> SEQ ID NO: 2
84 <211> LENGTH: 11
85 <212> TYPE: PRT
86 <213> ORGANISM: Homo sapiens
88 <400> SEQUENCE: 2
89 Pro Phe Trp Val Arg Met Ser Pro Glu Phe Val
90 1           5           10
93 <210> SEQ ID NO: 3
94 <211> LENGTH: 11
95 <212> TYPE: PRT
96 <213> ORGANISM: Homo sapiens
98 <400> SEQUENCE: 3
99 Lys Thr Arg Trp Ala Thr Ser Arg Ile Thr Ala
100 1           5           10
103 <210> SEQ ID NO: 4
104 <211> LENGTH: 11
105 <212> TYPE: PRT
106 <213> ORGANISM: Homo sapiens
108 <400> SEQUENCE: 4
109 Trp Ser Ser Leu Ala His Cys Leu Val Thr Cys
110 1           5           10
113 <210> SEQ ID NO: 5
114 <211> LENGTH: 11
115 <212> TYPE: PRT
116 <213> ORGANISM: Homo sapiens
118 <400> SEQUENCE: 5
119 Asn Val Thr Leu Thr Tyr Glu Phe Ala Ala Gly
120 1           5           10
123 <210> SEQ ID NO: 6
124 <211> LENGTH: 11
125 <212> TYPE: PRT
126 <213> ORGANISM: Homo sapiens
128 <400> SEQUENCE: 6
129 Gly Arg Lys Tyr Thr Leu Arg Cys His Val Thr
130 1           5           10
133 <210> SEQ ID NO: 7
134 <211> LENGTH: 8
135 <212> TYPE: PRT
136 <213> ORGANISM: Homo sapiens
138 <400> SEQUENCE: 7

```

RAW SEQUENCE LISTING

DATE: 06/06/2006

PATENT APPLICATION: US/10/533,817

TIME: 11:25:19

Input Set : A:\42614002.APP

Output Set: N:\CRF4\06062006\J533817.raw

139 Gln Asn Ser Ser Leu Arg Thr Pro

140 1 5

143 <210> SEQ ID NO: 8

144 <211> LENGTH: 9

145 <212> TYPE: PRT

146 <213> ORGANISM: Homo sapiens

148 <400> SEQUENCE: 8

149 Leu Glu Arg Phe Thr Gly Leu Asp Leu

150 1 5

153 <210> SEQ ID NO: 9

154 <211> LENGTH: 9

155 <212> TYPE: PRT

156 <213> ORGANISM: Artificial Sequence

158 <220> FEATURE:

159 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

160 peptide

162 <400> SEQUENCE: 9

163 Ser Val Pro Phe Trp Val Arg Met Ser

164 1 5

167 <210> SEQ ID NO: 10

168 <211> LENGTH: 9

169 <212> TYPE: PRT

170 <213> ORGANISM: Artificial Sequence

172 <220> FEATURE:

173 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

174 peptide

176 <400> SEQUENCE: 10

177 Thr Arg Trp Ala Thr Ser Arg Ile Thr

178 1 5

181 <210> SEQ ID NO: 11

182 <211> LENGTH: 9

183 <212> TYPE: PRT

184 <213> ORGANISM: Artificial Sequence

186 <220> FEATURE:

187 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

188 peptide

190 <400> SEQUENCE: 11

191 Ala Trp Ser Ser Leu Ala His Cys Leu

192 1 5

195 <210> SEQ ID NO: 12

196 <211> LENGTH: 723

197 <212> TYPE: DNA

198 <213> ORGANISM: Homo sapiens

200 <400> SEQUENCE: 12

201 ggcgaagcc ccaaggtag ccctctcgcg ccctccggga cctcagtgcc cttctgggtg 60

202 cgcattgagcc cggagttcgt ggctgtgcag ccgggggaagt cagtgcagct caattgcagc 120

203 aacagctgtc cccagccgca gaattccagc ctccgcaccc cgctgcggca aggcaagacg 180

204 ctcaagagggc cgggttgggt gtcttaccag ctgctcgacg tgagggcctg gagctccctc 240

205 ggcgactgcc tcgtgacctg cgcaggaaaa acacgctggg ccacctccag gatcaccgcc 300

RAW SEQUENCE LISTING

DATE: 06/06/2006

PATENT APPLICATION: US/10/533,817

TIME: 11:25:19

Input Set : A:\42614002.APP

Output Set: N:\CRF4\06062006\J533817.raw

```

206 tacaaaccgc cccacagcgt gattttggag cctccggtct taaagggcag gaaatacact      360
207 ttgcgctgcc acgtgacgca ggtgttcccc gtgggctact tgggtggtgac cctgaggcat      420
208 ggaagccggg tcatctattc cgaaagcctg gagcgcttca ccggcctgga tctggccaac      480
209 gtgaccttga cctacgagtt tgctgctgga ccccgcgact tctggcagcc cgtgatctgc      540
210 cacgcgcgcc tcaatctcga cggcctggtg gtccgcaaca gctcggcacc cattacactg      600
211 atgctcgctt ggagccccgc gccacagct ttggcctccg gttccatcgc tgcccttgta      660
212 gggatcctcc tactgtggg cgctgcgtac ctatgcaagt gcctagctat gaagtcacag      720
213 gcg                                                                    723
216 <210> SEQ ID NO: 13
217 <211> LENGTH: 9
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
223     peptide
225 <400> SEQUENCE: 13
226 Arg Gln Gly Lys Thr Leu Arg Gly Pro
227 1          5
230 <210> SEQ ID NO: 14
231 <211> LENGTH: 21
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
237     oligonucleotide
239 <400> SEQUENCE: 14
240 agaaccact gcttactggc t
243 <210> SEQ ID NO: 15
244 <211> LENGTH: 20
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
250     oligonucleotide
252 <400> SEQUENCE: 15
253 tgagcctgct tccagcagca
256 <210> SEQ ID NO: 16
257 <211> LENGTH: 21
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
263     oligonucleotide
265 <400> SEQUENCE: 16
266 tcagtgcgcg cctgggtgcg c
269 <210> SEQ ID NO: 17
270 <211> LENGTH: 21
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence

```

RAW SEQUENCE LISTING

DATE: 06/06/2006

PATENT APPLICATION: US/10/533,817

TIME: 11:25:19

Input Set : A:\42614002.APP

Output Set: N:\CRF4\06062006\J533817.raw

```

274 <220> FEATURE:
275 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
276     oligonucleotide
278 <400> SEQUENCE: 17
279 gcgcacccag gcgggcactg a                                21
282 <210> SEQ ID NO: 18
283 <211> LENGTH: 21
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
289     oligonucleotide
291 <400> SEQUENCE: 18
292 gtgcccttcg cggcgcat g                                21
295 <210> SEQ ID NO: 19
296 <211> LENGTH: 21
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
302     oligonucleotide
304 <400> SEQUENCE: 19
305 catgcgcacc gcgaaggga c                                21
308 <210> SEQ ID NO: 20
309 <211> LENGTH: 21
310 <212> TYPE: DNA
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
315     oligonucleotide
317 <400> SEQUENCE: 20
318 cccttctgga cgcgcatgag c                                21
321 <210> SEQ ID NO: 21
322 <211> LENGTH: 21
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
328     oligonucleotide
330 <400> SEQUENCE: 21
331 gctcatgcgc gtccagaagg g                                21
334 <210> SEQ ID NO: 22
335 <211> LENGTH: 20
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
341     oligonucleotide
343 <400> SEQUENCE: 22

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/533,817

DATE: 06/06/2006

TIME: 11:25:20

Input Set : A:\42614002.APP

Output Set: N:\CRF4\06062006\J533817.raw